

Remarks

The following documents are enclosed with this Amendment: Petition for One-Month Extension of Time, Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address, Statement Under 37 C.F.R. §3.73(b), and Information Disclosure Statement.

The present Amendment is in response to the Official Action mailed on June 22, 2005. Claims 9-14 were allowed. Claims 2-5, 7 and 8 were objected to as dependent on rejected base claim 1 but indicated as allowable if revised into independent form. Claims 15-20 were withdrawn. The Official Action rejected claims 1 and 6 under 35 U.S.C. § 103(a) as assertedly obvious over Barbera-Guillem U.S. Patent Application Publication No. 2004/0203170 (Barbera). Claims 2-8 and 11 have been amended to be more clear and distinct. Claim 1 has been cancelled without prejudice. New claims 21-33 have been added. Claims 2-14 and 21-33 are presently pending.

Restriction Requirement

Applicants confirm election of Group I including claims 1-14. No changes in the inventorship are warranted. Applicants expressly traverse and make no admission regarding any of the characterizations of the claims and the inventions stated anywhere in the Official Action.

Allowed Claims

Applicants acknowledge with appreciation the indication of allowance of claims 9-14.

The dependency of claim 11 from independent claim 9 has been corrected.

Claims Subject to Objection

Claims 2-5, 7 and 8 were objected to as being dependent upon rejected base claim 1, but indicated as allowable if rewritten in independent form including all of the limitations of claim 1 and any intervening claims. Each of claims 2 and 5 has been accordingly amended to include all of the limitations of independent claim 1 from which they originally depended. The dependencies of claims 3, 4, 7 and 8 have been revised.

The Rejection Under 35 U.S.C. § 103(a)

Claims 1 and 6 stand rejected under 35 U.S.C. § 103(a) as assertedly obvious over Barbera. Applicants respectfully traverse this rejection and request that it now be withdrawn, in view of the above amendments in the claims and the discussion below.

Allowable dependent claims 2 and 5 have been amended to be more clear and distinct. Specifically, each of dependent claims 2 and 5 has been amended to place them in independent form by incorporating all of the recitations of previously-presented independent claim 1. Previously-presented claim 1 has been cancelled without prejudice. Claim 6 has been amended to depend from allowable claim 2.

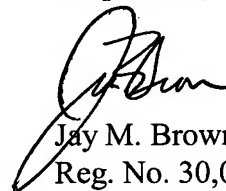
Applicants respectfully submit that the rejection based on Barbera is moot in view of the above amendments. Barbera discloses a method for providing a carrier material with an

identifiable code pattern by applying water-soluble nanocrystals in a manner to establish an identifiable code pattern. Para. 0005. Barbera discloses that the carrier material may be polymeric in nature, including fluoro-carbons. Para. 0035. Barbera fails to disclose and fails to suggest a composition of matter, comprising: a polymer matrix including polymer chains having a plurality of carbon-fluorine bonds; and a plurality of quantum dots distributed within the polymer matrix, wherein either: (1) as recited in claim 2, the quantum dots include at least one organic cap compound including at least one aromatic group; or (2) as recited in claim 5, the polymer chains include aromatic groups.

Conclusion

Each of allowable dependent claims 2 and 5 has been made independent by incorporation of all of the limitations of previously-presented claim 1. Independent claim 9 and dependent claims 10-14 have been allowed. Accordingly, Applicants respectfully submit that all of the pending claims, as amended, are in order for allowance. The Examiner is respectfully requested and invited to contact the undersigned by telephone in order to resolve any remaining issues.

Respectfully submitted,



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